

# Paul C. Audio

[paulcochrane@comcast.net](mailto:paulcochrane@comcast.net)

Thank you for trying the new **TIM** v3 from Paul C. Audio!

The big box **TIM** first appeared in 1997. The new v3 version has several changes to increase its flexibility and make it more user friendly. It uses a shorter enclosure with all the controls on top and all the jacks on the back.

Those familiar with the original pedal will notice that the **BASS** and **TREBLE** controls now turn the "normal" way. They're still "cut" controls doing the same thing as before, but their rotation has been reversed making max cut now at "0" (7 o'clock) and full/flat response at "10" (5 o'clock).

The **BOOST** mode is the same as before, but has its controls moved to the top of the pedal. This is not a stand alone boost circuit – it changes the main circuit to offer a wider range of gain and tone. The **BOOST** control increases gain beyond the main **GAIN** control while also allowing a voicing change with its **TONE** control. Some of my favorite od sounds come from cranking the **BOOST** while having the **GAIN** turned down.

The **FX** loop has been changed from the original design to engage with the **BOOST** mode only. This allows further dialing in of the **BOOST** mode by stacking it with another pedal like an EQ, dirt box, delay etc...

The 3 - way **CLIP** toggle switch has the same middle (symmetrical) and up (asymmetrical) positions of the v2 except these have been moved to the "right" and "left" settings on the v3. The "middle" position is a new, higher headroom asymmetrical clipper.

A new 3 - way **HI CUT** switch has been added and affects both modes. This allows extra control over the high frequency clipping harmonics to help the pedal sit better with brighter amps & speakers. The "middle" position is flat in the hi-end with a -3dB @ 3kHz on the left setting and -3dB @ 1kHz on the right.

The trick to the pedal is in how the tone controls work with the gain control. The **BASS** is pre-clipping, and the **TREBLE** is post-clipping. At low gain settings you can have the **BASS** and **TREBLE** all the way up for a full sound, or use them to adjust the EQ of the pedal. When you start adding distortion you'll want to reduce the **BASS**. Distorting low frequencies can sound "muddy and woofy." Once you've pulled out some low end to keep things "tight" you may want to roll down the **TREBLE** to smooth things out.

The pedal runs on +9vdc with a current draw of 30ma. It uses the standard "center pin negative" 2.1mm power supplies and due to its use of an internal voltage converting IC it cannot be run on higher voltages.

Thank you again for trying the pedal!